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(54) Title: INTEGRATED AIR NAVIGATION AND FLIGHT CONTROL SYSTEM



(57) Abstract: A new method and a device is suggested. It contributes to solve air traffic congestions, improve safety, and reduce faults to simplify cockpit equipment. The method serves for the navigation of airplanes from port to port with the help of GPS signals. The navigation supported is carried out based on digital maps and position control by means of GPS signals, which GPS signals are corrected by means of GPS reference signals wherein depending on the present position and state of motion of the airplane the map is respectively the movement is selected automatically from a library and shown on a screen.

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